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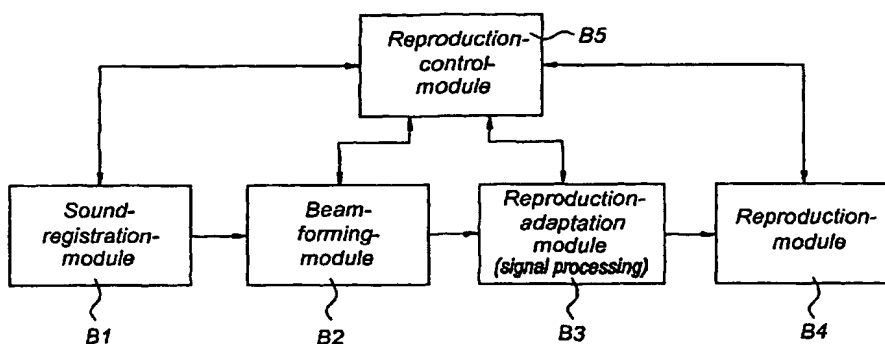
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(54) Title: **SPECTACLE HEARING AID**



(57) **Abstract.** Hearing aid/spectacles combination (1) having a spectacle frame (1', 2', 3') and a first reproduction unit (5; 6), wherein the spectacle frame has a microphone array (2; 3) in a first spectacle arm (2'; 3'), the microphone array (2; 3) is able to pick up a sound signal and is able to transmit a processed signal, produced on the basis of said sound signal, to the first reproduction unit (5; 6), wherein the hearing aid/spectacles combination (1) comprises at least four basic modules (B1, B2, B3, B4), comprising: a sound registration module (B1) that comprises the microphone array (2; 3); a beam forming module (B2) for forming a direction-dependent processed signal; a reproduction adaptation module (B3) for controlling a reproduction characteristic of the processed sound signal produced by the first reproduction unit (5; 6); a reproduction module (B4) that comprises the first reproduction unit (5; 6); and a reproduction control module (B5) for controlling a reproduction characteristic of the processed sound signal produced by the first reproduction unit (5; 6), wherein the beam forming module (B2) and the reproduction adaptation module (B3) are based on digital techniques.

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